

AMENDMENT

Kindly amend the application, without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, as follows.

IN THE CLAIMS:

Kindly amend the application, without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents, to read as follows:

1. (Previously Presented) A composition comprising
 - (i) a surface coating material;
 - (ii) a first substrate;
 - (iii) a first enzyme;
 - (iv) a second enzyme from a marine organism;wherein the first substrate and the first enzyme react to generate a second substrate upon which the second enzyme acts, whereby an anti-foulant compound is generated.
2. (Previously Presented) A composition according to claim 1 wherein the second enzyme is from a marine algae.
3. (Previously Presented) A composition according to claim 1 wherein the second enzyme is from *Chondrus crispus*.
4. (Previously Presented) A composition according to claim 1 wherein the second enzyme is hexose oxidase.
5. (Cancelled)
6. (Previously Presented) A composition according to claim 1 wherein the second substrate is a sugar.

7. (Original) A composition according to claim 6 wherein the sugar is glucose.
8. (Cancelled)
9. (Previously Presented) A composition according to claim 1 wherein the first enzyme is amyloglucosidase.
10. (Previously Presented) A composition according to claim 1 wherein the first substrate is starch.
11. (Previously Presented) A composition according to claim 1 wherein the composition further comprises a binder to immobilise at least one of the constituents of the composition.
12. (Original) A coating consisting of a composition according to claim 1.
13. (Original) A coating according to claim 12 formulated for treatment of a surface selected from outdoor wood work, external surface of a central heating system, and a hull of a marine vessel.
14. (Previously Presented) A marine anti-foulant consisting of a composition according to claim 1.
15. (Previously Presented) A marine anti-foulant according to claim 14 wherein the anti-foulant is self-polishable.
- 16-29. (Cancelled)
30. (Previously Presented) A composition comprising
- (i) a surface coating material;
 - (ii) a first substrate;

(iii) amyloglucosidase as a first enzyme;

(iv) hexose oxidase as a second enzyme;

wherein the first substrate and the first enzyme react to generate a second substrate upon which the second enzyme acts, whereby an anti-foulant compound is generated.

31. (Previously Presented) The composition of claim 30, wherein the hexose oxidase is from a marine organism.

32. (Previously Presented) The composition of claim 31, wherein the hexose oxidase is from *Chondrus crispus*.

33. (Previously Presented) The composition of claim 30, wherein the hexose oxidase enzyme comprises the amino acid sequence set out in SEQ ID NO: 1.

34. (Previously Presented) The composition of claim 30, wherein the second substrate is a sugar.

35. (Previously Presented) The composition of claim 34, wherein the sugar is glucose.

36. (Previously Presented) The composition of claim 30, wherein the first substrate is starch.

37. (New) An anti-fouling composition comprising:

(i) a surface coating material;

(ii) an enzyme from *Chondrus crispus*; and

(iii) a substrate for the enzyme;

wherein the enzyme is hexose oxidase having the amino acid sequence set forth in SEQ ID NO: 2, and the substrate is sugar, such that an anti-foulant compound is generated by action of the enzyme on the substrate.